

BEA's 1987 input output coefficients for Telcommunications
 Coefficients reflect purchases by telecommunications industry

Industry	Material Share of Telecommunications Output
1	0.00020167
2	0.00030181
3	0.00000037
4	0.00000237
5	0.00008532
6	0.00054471
7	0.00732840
8	0.00372695
9	0.00018656
10	0.00359801
11	0.00217465
12	0.00744095
13	0.00576873
14	0.02796597
15	0.00037426
16	0.00027483
17	0.00113552
18	0.00082395
19	0.00011003
20	0.00000222
21	0.00025379
22	0.00049756
23	0.00103369
24	0.00826601
25	0.00234732
26	0.00194067
27	0.00316863
28	0.00003715
29	0.00018697
30	0.00030021
31	0.00241586
32	0.00012436
33	0.00146057
34	0.00001595
35	0.00005632
36	0.19873614
37	0.00196512
38	0.00270098
39	0.00015943
40	0.00270068
41	0.01029547

42	0.00754431
43	0.01171523
44	0.00027872
45	0.00089586
46	0.00061003
47	0.00000007
48	0.01460871
49	0.00073640
50	0.00009438
51	0.01373780
52	0.00267625
53	0.00182502
54	0.00412026
55	0.00012514
56	0.00001525
57	0.00334089
58	0.00048618
59	0.00592795
60	0.00204263
61	0.00179318
62	0.00470904
63	0.02309660
Total	0.40109004

Section IIIa

Concept: Sectoral Labor Expenditures

Variable: 1987 compensation of employees in current and constant dollars

Source: *Survey of Current Business*, Bureau of Economic Analysis, Tables 6.4b and 6.2c, various issues.

Lag: Monthly data lag is 2 months.
Annual data lag is 2 years.

Release Date: Monthly data is released monthly.
Annual data has typically been released in July but last issue was released in February 1996 instead of July 1995. Next issue is expected in 1997.

Method: Monthly data are based on the *BLS Monthly Establishment Survey* data on employment hours and earnings.
Annual wages and salaries data are estimated from Unemployment Insurance Reports. Other income data are compiled from a variety of sources. These annual totals are then benchmarked to the sum of the Survey of Current Business' monthly data for the year.

Calculations: Directly from *Survey of Current Business*, Bureau of Economic Analysis.

Used to create: Sectoral input price indexes.

Data follows on next pages:

Sectoral Labor Expenditures, Millions of Current Dollars
 Survey of Current Business, Bureau of Economic Analysis

Industry	1987	1988
1	9931	10062
2	11467	12988
3	1814	2228
4	7257	7016
5	15782	16628
6	3589	3869
7	142441	154775
8	17412	18680
9	11333	12046
10	18169	19336
11	28280	30899
12	42771	45607
13	70810	77310
14	68462	71497
15	38158	40530
16	48200	50210
17	23439	26276
18	9035	9933
19	44622	46871
20	2474	2639
21	15327	15855
22	17629	18437
23	24117	25433
24	41282	45251
25	42236	46425
26	9181	9470
27	22500	23774
28	2645	2773
29	15167	15524
30	5583	6118
31	40703	44523
32	5706	5884
33	23211	25223
34	807	864
35	7390	8256
36	44141	45221
37	7415	7850
38	24019	24775
39	8815	8991
40	6030	6940
41	178193	195486
42	258442	277714

43	47478	50591
44	23712	25152
45	31185	32450
46	44582	48318
47	18431	20760
48	30644	34117
49	23098	25546
50	16266	17853
51	115181	129749
52	16215	17724
53	7836	8952
54	6738	7212
55	14979	16464
56	172986	189942
57	33935	38784
58	27497	30243
59	44361	49661
60	9134	9722
61	182842	194437
62	345374	371761
63	321062	345807

Section IIIb

Labor Prices

Two alternative labor price indices were analyzed. Each of these indices is a correct and accurate measure of the cost of labor, but each captures a slightly different concept.

The first labor price index analyzed was the Employment Cost Index. This is a fixed weight index of total compensation* for private industry workers in the transportation and public utility industries. This data measures the changes in labor costs holding the distribution of employment among occupations fixed over time.

Similarly the second price index, Average Hourly Earnings, is net of major changes in the occupational distribution as it does not include higher cost levels of employment.

Average hourly earnings covers data from production or non-supervisory workers' on private nonagricultural payrolls for the telecommunications industry.

* The BLS also publishes an ECI for wages and salaries.

Section IIIb

Concept: **Labor Prices**

Variable: **Annual employment cost index**

Source: ***Employment Cost Indexes and Levels, 1975-93*, United States Department of Labor, Bureau of Labor Statistics, Table 7.**

Release Date: **Published Quarterly at the end of the month following the close of the quarter.**

Lag: **1 month.**

Method: **Between 5,500 - 7,000 establishments are contacted by BLS for information on employees' wages and benefits. To set up an establishment on site interviews are done by BLS representatives. Sampling is done to separate employees into different occupations. There are 401 establishments surveyed in the Public Utilities and Transportation industry.**

Calculations: **Compensation values are converted into a price index (1987=1). Each years dollar value of compensation**

Example: **The data used in the below calculations are actual data.**

Year	Transportation and Public Utilities Total Compensation	Calculation	Labor price index 1987 = 1
1987	93.9		
1988	96.8	96.8 / 93.9 =	1.0309
1989	100.0	100.0 / 93.9 =	1.0650
1990	103.3	103.3 / 93.9 =	1.1001

Used to create: **Price index of labor.
Sectoral input price indexes.**

Data follows on next pages:

Employment Cost Indexes and Levels, 1975-1993

Source: U.S. Department of Labor Bureau of Labor Statistics September 1993

June	Transportation and Public Utilities Employment Cost Index
1984	
1985	88.4
1986	91.4
1987	93.9
1988	96.8
1989	100
1990	103.3
1991	107.7
1992	111.9
1993	116

Constant Annual Growth Rate	
1985-90	3.16%
1986-91	3.34%
1987-92	3.57%
1988-93	3.69%

Section IIIb

Concept: Alternative Labor Prices

Variable: Average Hourly Earnings Price Index.

Source: Employment and Earnings, United States Department of Labor, Bureau of Labor Statistics, annual August issues, Tables C-2 and B-15, June values.

Release Date: Published monthly on the first Friday of the month.

Lag: One week for preliminary numbers.
Three months for finalized numbers.

Method: Data is retrieved monthly from 400,000 firms, which fill out forms and send in to BLS. The number of communications industry establishments is confidential. Data collected is only of non-supervisory production workers.

Calculations: We took June values for each year (to avoid any seasonal variations) and indexed these values.

Example: The data used in the below calculations are actual data.

Year	Average Hourly Earnings Telecommunications	Calculation	Labor price index 1987 = 1
1987	13.07		
1988	13.30	13.3 / 13.07 =	1.0176
1989	13.70	13.7 / 13.07 =	1.0482
1990	14.10	14.1 / 13.07 =	1.0788

Used to create: Price index of labor.
Sectoral input price indexes.

Data follows on next pages:

Average Hourly Earnings: Telecommunications Services (SIC 4812, 4813, 4822)

* Bold numbers were projections in the reports that we gathered data from.

Year (June Value)	Average Hourly Earnings (dollars)
1984	11.72
1985	12.27
1986	12.85
1987	13.07
1988	13.30
1989	13.70
1990	14.10
1991	14.54
1992	14.91
1993	15.52
1994	15.81

Constant Annual Growth Rate	
1985-90	2.82%
1986-91	2.50%
1987-92	2.67%
1988-93	3.14%

Section IVa

Concept: Capital Values

Variable: Annual depreciation expenditures in current and constant dollars.

Source: Detailed Wealth Disks, Bureau of Economic Analysis, September 13, 1994.

Release Date: January are preliminary numbers for previous year. July release is final numbers for previous year.

Lag: Six months for finalized data. Benchmark years, however, are every five years. With any benchmark year, definitions may change which may require changing historical data for consistency.

Method: Current data uses a capital flows matrix from the BEA Input Output Group.

Calculations: Depreciation variable values were taken directly from detailed wealth data disks.

Used to create: Price index of capital.
Sectoral input price indexes.

Data follows on next pages:

Depreciation portion of first file of 12 from BEA's Detailed Wealth Data Diskette												
type of \$s	variable	industry	asset	year	values							
					0	0	0	0	0	0	0	0
1	4	1	2	1947	0	0	0	0	0	0	0	0
1	4	1	2	1957	0	0	0	0	0	0	0	0
1	4	1	2	1967	0	0	0	0	0	0	0	0
1	4	1	2	1977	0	0	1	1	2	2	2	3
1	4	1	2	1987	3	4	4	4	4	4	5	0
1	4	1	3	1947	0	0	0	0	0	0	0	0
1	4	1	3	1957	0	0	0	0	0	0	0	0
1	4	1	3	1967	0	0	0	0	0	0	0	0
1	4	1	3	1977	0	7	21	36	47	55	63	71
1	4	1	3	1987	85	88	93	97	99	101	102	0
1	4	1	5	1947	0	0	0	0	0	0	0	0
1	4	1	5	1957	0	0	0	0	0	0	0	0
1	4	1	5	1967	0	0	0	0	0	0	0	0
1	4	1	5	1977	0	7	21	34	45	51	55	56
1	4	1	5	1987	45	40	37	34	34	35	37	0
1	4	1	6	1947	1415	1673	2017	2386	2720	2984	3181	3282
1	4	1	6	1957	3235	3125	3035	2906	2760	2684	2670	2702
1	4	1	6	1967	3128	3314	3480	3604	3710	3826	4038	4321
1	4	1	6	1977	4679	4777	4860	4915	4872	4719	4487	4261
1	4	1	6	1987	3369	3146	2930	2750	2622	2506	2407	0
1	4	1	8	1947	2204	2507	2847	3171	3477	3763	4012	4210
1	4	1	8	1957	4602	4698	4817	4883	4895	4885	4896	4935
1	4	1	8	1967	5271	5443	5644	5927	6274	6658	7211	7567
1	4	1	8	1977	8954	9350	9752	10047	10055	9978	9634	9222
1	4	1	8	1987	7516	6923	6381	5910	5457	5164	4697	0
1	4	1	11	1947	154	170	184	197	208	218	226	232
1	4	1	11	1957	238	238	239	239	236	234	232	231
1	4	1	11	1967	231	233	233	234	235	236	241	241
1	4	1	11	1977	229	234	227	220	209	197	186	174
1	4	1	11	1987	137	126	117	108	98	90	84	0
1	4	1	13	1947	0	0	0	0	0	0	0	0
1	4	1	13	1957	0	0	0	0	0	0	0	0
1	4	1	13	1967	0	0	0	0	0	0	0	0
1	4	1	13	1977	0	3	10	16	21	25	28	32

1	4	1	13	1987	41	44	47	50	52	53	54	0	0	0	0
1	4	1	14	1947	0	0	0	0	0	0	0	0	0	0	0
1	4	1	14	1957	0	0	0	0	0	0	0	0	0	0	0
1	4	1	14	1967	0	0	0	0	0	0	0	0	0	0	0
1	4	1	14	1977	0	0	0	1	1	2	2	3	3	3	4
1	4	1	14	1987	4	5	6	7	8	9	11	0	0	0	0
1	4	1	15	1947	0	0	0	0	0	0	0	0	0	0	0
1	4	1	15	1957	0	0	0	0	0	0	0	0	0	0	0
1	4	1	15	1967	0	0	0	0	0	0	0	0	0	0	0
1	4	1	15	1977	0	3	7	13	17	21	24	27	29	31	
1	4	1	15	1987	32	33	34	35	35	34	34	0	0	0	0
1	4	1	16	1947	0	0	0	0	0	0	0	0	0	0	0
1	4	1	16	1957	0	0	0	0	0	0	0	0	0	0	0
1	4	1	16	1967	0	0	0	0	0	0	0	0	0	0	0
1	4	1	16	1977	0	0	0	0	0	1	1	1	1	1	1
1	4	1	16	1987	1	1	1	1	1	1	1	0	0	0	0
1	4	1	17	1947	0	0	0	0	0	0	0	0	0	0	0
1	4	1	17	1957	0	0	0	0	0	0	0	0	0	0	0
1	4	1	17	1967	0	0	0	0	0	0	0	0	0	0	0
1	4	1	17	1977	0	2	7	11	14	16	19	21	23	24	
1	4	1	17	1987	25	27	29	31	32	35	37	0	0	0	0
1	4	1	20	1947	920	1130	1341	1539	1705	1808	1876	1939	1959	1925	
1	4	1	20	1957	1873	1817	1752	1686	1636	1599	1579	1589	1650	1758	
1	4	1	20	1967	1878	1949	1964	1977	1980	1974	1970	1970	1947	1969	
1	4	1	20	1977	2082	2265	2475	2616	2658	2627	2590	2572	2519	2401	
1	4	1	20	1987	2307	2260	2252	2258	2266	2320	2411	0	0	0	
1	4	1	21	1947	176	200	226	260	285	301	322	379	423	464	
1	4	1	21	1957	463	457	449	453	461	465	480	491	503	501	
1	4	1	21	1967	499	480	486	472	438	430	414	383	349	325	
1	4	1	21	1977	323	320	313	299	268	246	231	208	186	156	
1	4	1	21	1987	135	124	110	102	97	93	88	0	0	0	
1	4	1	26	1947	0	0	0	0	0	0	0	0	0	0	
1	4	1	26	1957	0	0	0	0	0	0	0	0	0	0	
1	4	1	26	1967	0	0	0	0	0	0	0	0	0	0	
1	4	1	26	1977	0	1	3	6	8	10	12	13	14	14	
1	4	1	26	1987	14	14	14	13	13	13	13	0	0	0	
1	4	1	27	1947	239	254	267	277	288	299	306	308	309	308	

1	4	1	27	1957	303	301	303	304	303	305	313	321	331	346
1	4	1	27	1967	364	377	388	402	422	434	437	424	395	364
1	4	1	27	1977	358	357	335	316	297	276	259	245	228	211
1	4	1	27	1987	200	194	191	188	186	185	186	0	0	0
1	4	1	45	1947	1889	1938	1984	2029	2074	2120	2164	2202	2237	2272
1	4	1	45	1957	2308	2349	2416	2510	2608	2713	2825	2938	3051	3169
1	4	1	45	1967	3299	3431	3549	3668	3784	3910	4144	4115	4268	4435
1	4	1	45	1977	4591	4759	4945	5146	5165	5262	5219	5230	5271	5252
1	4	1	45	1987	5225	5184	5355	5080	5029	5301	4958	0	0	0
1	4	2	2	1947	0	0	0	0	0	0	0	0	0	0
1	4	2	2	1957	0	0	0	0	0	0	0	0	0	0
1	4	2	2	1967	0	0	0	0	0	0	0	0	0	0
1	4	2	2	1977	0	2	6	17	34	56	83	111	140	171
1	4	2	2	1987	202	232	263	302	344	385	428	0	0	0
1	4	2	3	1947	5	6	8	9	11	12	13	14	16	18
1	4	2	3	1957	19	21	22	23	23	23	24	24	24	25
1	4	2	3	1967	24	24	25	26	28	29	30	30	29	29
1	4	2	3	1977	29	29	29	29	29	28	28	27	26	25
1	4	2	3	1987	24	23	22	21	20	20	20	0	0	0
1	4	2	5	1947	0	0	0	0	0	0	0	0	0	0
1	4	2	5	1957	0	0	0	0	0	0	0	0	0	0
1	4	2	5	1967	0	0	0	0	0	0	0	0	0	0
1	4	2	5	1977	0	0	1	2	4	6	7	9	10	11
1	4	2	5	1987	12	12	13	14	15	17	20	0	0	0
1	4	2	6	1947	52	54	52	47	41	35	29	24	22	23
1	4	2	6	1957	24	37	54	61	68	74	82	106	137	166
1	4	2	6	1967	200	231	252	286	323	364	429	480	544	653
1	4	2	6	1977	785	943	1100	1214	1272	1250	1169	1072	962	840
1	4	2	6	1987	715	599	501	435	403	385	383	0	0	0
1	4	2	8	1947	0	0	0	0	0	0	0	0	0	0
1	4	2	8	1957	0	0	0	0	0	0	0	0	0	0
1	4	2	8	1967	0	0	0	0	0	0	0	0	0	0
1	4	2	8	1977	0	1	2	5	9	14	18	21	25	28
1	4	2	8	1987	31	34	37	42	47	50	54	0	0	0
1	4	2	12	1947	60	76	95	113	133	152	165	178	202	230
1	4	2	12	1957	248	269	283	291	300	308	313	316	317	310
1	4	2	12	1967	295	278	260	245	232	217	199	183	165	149

1	4	2	12	1977	136	125	116	107	100	92	86	81	78	75
1	4	2	12	1987	72	70	68	67	67	67	68	0	0	0
1	4	2	13	1947	0	0	0	0	0	0	0	0	0	0
1	4	2	13	1957	0	0	0	0	0	0	0	0	0	0
1	4	2	13	1967	0	0	0	0	0	0	0	0	0	0
1	4	2	13	1977	0	0	0	0	1	1	1	2	2	3
1	4	2	13	1987	4	4	5	5	6	7	8	0	0	0
1	4	2	14	1947	0	0	0	0	0	0	0	0	0	0
1	4	2	14	1957	0	0	0	0	0	0	0	0	0	0
1	4	2	14	1967	0	0	1	1	1	2	2	2	2	2
1	4	2	14	1977	3	3	3	4	5	6	7	8	10	12
1	4	2	14	1987	14	17	20	24	29	37	47	0	0	0
1	4	2	15	1947	0	0	0	0	0	0	0	0	0	0
1	4	2	15	1957	0	0	0	0	0	0	0	0	0	0
1	4	2	15	1967	0	0	0	0	0	0	0	0	0	0
1	4	2	15	1977	0	0	2	4	8	13	18	23	29	34
1	4	2	15	1987	40	46	52	58	64	69	74	0	0	0
1	4	2	16	1947	0	0	0	0	0	0	0	0	0	0
1	4	2	16	1957	0	0	0	0	0	0	0	0	0	0
1	4	2	16	1967	0	0	0	0	0	0	0	0	0	0
1	4	2	16	1977	0	2	6	17	32	51	75	101	129	158
1	4	2	16	1987	188	219	255	302	358	416	477	0	0	0
1	4	2	20	1947	22	31	42	49	57	65	67	66	67	69
1	4	2	20	1957	68	65	61	56	53	52	53	55	59	63
1	4	2	20	1967	64	67	71	79	88	95	96	97	95	92
1	4	2	20	1977	99	111	125	140	158	180	206	241	286	327
1	4	2	20	1987	360	395	431	475	524	578	652	0	0	0
1	4	2	21	1947	2	2	2	2	3	3	3	3	4	4
1	4	2	21	1957	4	4	4	4	4	4	4	5	5	6
1	4	2	21	1967	7	9	13	18	24	33	42	48	51	54
1	4	2	21	1977	57	60	63	64	61	61	63	65	72	76
1	4	2	21	1987	77	80	81	84	85	82	79	0	0	0
1	4	2	22	1947	12	16	22	26	28	31	32	33	34	36
1	4	2	22	1957	39	41	44	47	51	56	59	64	74	82
1	4	2	22	1967	89	105	128	154	181	197	214	232	241	245
1	4	2	22	1977	248	247	245	246	243	233	222	209	196	183
1	4	2	22	1987	170	159	150	143	145	148	148	0	0	0

1	4	2	23	1947	35	36	37	40	42	48	55	60	65	67
1	4	2	23	1957	70	75	79	81	83	86	88	90	93	95
1	4	2	23	1967	98	101	105	110	116	119	121	126	131	139
1	4	2	23	1977	148	153	159	168	176	182	185	186	185	184
1	4	2	23	1987	183	180	178	176	175	173	170	0	0	0
1	4	2	25	1947	0	0	0	0	0	0	0	0	0	0
1	4	2	25	1957	0	0	0	0	0	0	0	0	0	0
1	4	2	25	1967	0	0	0	0	0	0	0	0	0	0
1	4	2	25	1977	0	0	1	1	3	4	7	9	11	12
1	4	2	25	1987	14	16	18	21	25	30	35	0	0	0
1	4	2	26	1947	0	0	0	0	0	0	0	0	0	0
1	4	2	26	1957	0	0	0	0	0	0	0	0	0	0
1	4	2	26	1967	0	0	0	0	0	0	0	0	0	0
1	4	2	26	1977	0	0	2	4	9	14	20	27	34	40
1	4	2	26	1987	45	49	52	56	60	65	69	0	0	0
1	4	2	27	1947	0	0	0	0	0	0	0	0	0	0
1	4	2	27	1957	0	0	0	0	0	0	0	0	0	0
1	4	2	27	1967	0	0	0	0	0	0	0	0	0	0
1	4	2	27	1977	0	2	6	17	32	53	78	103	127	154
1	4	2	27	1987	182	211	240	276	314	350	387	0	0	0
1	4	2	30	1947	0	0	0	0	0	0	0	0	0	0
1	4	2	30	1957	0	0	0	0	0	0	0	0	0	0
1	4	2	30	1967	0	0	0	0	0	0	0	0	0	0
1	4	2	30	1977	0	0	0	0	1	1	1	1	2	2
1	4	2	30	1987	2	2	3	3	3	3	3	3	0	0
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1	4	5	10	1977	2134	2249	2353	2498	2792	3054	3086	3015	2908	2730
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1	4	5	11	1947	0	0	0	0	0	0	0	0	0	0
1	4	5	11	1957	0	0	0	0	0	0	0	0	0	0
1	4	5	11	1967	0	0	0	0	0	0	0	0	0	0
1	4	5	11	1977	0	0	0	0	1	1	1	2	2	2
1	4	5	11	1987	2	2	2	3	3	2	2	0	0	0
1	4	5	13	1947	46	40	37	35	32	31	33	41	47	48
1	4	5	13	1957	52	66	82	96	111	129	148	168	184	194
1	4	5	13	1967	203	209	213	214	211	205	204	207	208	208
1	4	5	13	1977	217	251	306	374	464	559	635	704	779	832
1	4	5	13	1987	857	872	882	881	867	840	805	0	0	0
1	4	5	14	1947	0	0	0	0	0	0	1	1	1	1
1	4	5	14	1957	1	2	3	4	4	5	5	6	6	6
1	4	5	14	1967	5	5	5	5	6	7	10	13	15	16
1	4	5	14	1977	17	23	36	67	128	211	296	390	509	601
1	4	5	14	1987	638	660	664	643	617	583	563	0	0	0
1	4	5	16	1947	0	0	0	0	0	0	0	0	0	0
1	4	5	16	1957	0	0	0	0	0	0	0	0	0	0
1	4	5	16	1967	0	0	0	0	0	0	0	0	0	0
1	4	5	16	1977	0	9	33	78	153	240	313	377	446	499
1	4	5	16	1987	529	556	578	593	600	594	581	0	0	0
1	4	5	17	1947	16	16	15	16	15	15	16	18	19	19

1	4	5	17	1957	20	24	27	30	33	37	41	45	51	57
1	4	5	17	1967	66	75	83	90	95	99	104	109	111	112
1	4	5	17	1977	113	114	115	115	116	116	116	115	113	111
1	4	5	17	1987	109	106	103	100	96	93	89	0	0	0
1	4	5	20	1947	6	5	6	7	7	8	11	14	17	18
1	4	5	20	1957	20	25	31	36	42	51	62	74	88	101
1	4	5	20	1967	116	133	148	157	161	165	174	179	173	161
1	4	5	20	1977	148	149	168	199	253	320	375	428	494	532
1	4	5	20	1987	532	522	501	464	420	371	325	0	0	0
1	4	5	21	1947	52	60	67	77	85	90	96	113	126	138
1	4	5	21	1957	138	136	134	135	137	138	143	147	153	157
1	4	5	21	1967	161	163	176	183	186	203	218	229	237	246
1	4	5	21	1977	263	281	287	279	255	234	219	210	216	217
1	4	5	21	1987	214	216	215	219	221	213	205	0	0	0
1	4	5	22	1947	0	0	0	0	0	0	0	0	0	0
1	4	5	22	1957	0	0	0	0	0	0	0	0	0	0
1	4	5	22	1967	0	0	0	0	0	0	0	0	0	0
1	4	5	22	1977	0	1	4	9	17	25	31	35	39	42
1	4	5	22	1987	43	44	45	44	44	43	40	0	0	0
1	4	5	23	1947	7	7	7	7	7	7	8	9	10	10
1	4	5	23	1957	10	11	13	14	15	16	17	19	19	20
1	4	5	23	1967	21	23	25	26	28	30	35	41	49	57
1	4	5	23	1977	62	70	93	129	182	233	263	278	289	295
1	4	5	23	1987	298	300	302	302	302	300	296	0	0	0
1	4	5	24	1947	0	0	0	0	0	0	0	0	0	0
1	4	5	24	1957	0	0	0	0	0	0	0	0	0	0
1	4	5	24	1967	0	0	0	0	0	0	0	0	0	0
1	4	5	24	1977	0	0	0	1	1	1	1	1	1	1
1	4	5	24	1987	1	1	1	1	1	1	1	0	0	0
1	4	5	26	1947	0	0	0	0	0	0	0	0	0	0
1	4	5	26	1957	0	0	0	0	0	0	0	0	0	0
1	4	5	26	1967	0	0	0	0	0	0	0	0	0	0
1	4	5	26	1977	0	1	4	10	20	33	43	51	59	63
1	4	5	26	1987	63	60	57	51	44	38	32	0	0	0
1	4	5	27	1947	0	0	0	0	0	0	0	0	0	0
1	4	5	27	1957	0	0	0	0	0	0	0	0	0	0
1	4	5	27	1967	0	0	0	0	0	0	0	0	0	0

1	4	5	27	1977	0	21	75	176	350	567	748	883	1017	1114
1	4	5	27	1987	1161	1187	1187	1153	1093	1010	915	0	0	0
1	4	5	28	1947	422	427	429	431	437	446	458	466	476	499
1	4	5	28	1957	529	552	569	591	621	651	671	698	744	799
1	4	5	28	1967	833	843	859	872	871	862	853	843	831	816
1	4	5	28	1977	799	786	780	786	811	844	863	860	845	823
1	4	5	28	1987	800	775	750	727	707	687	668	0	0	0
1	4	5	29	1947	0	0	1	1	1	2	2	3	4	6
1	4	5	29	1957	8	9	11	12	14	16	18	20	22	24
1	4	5	29	1967	26	27	29	30	30	30	30	30	30	29
1	4	5	29	1977	30	31	35	40	49	57	62	67	75	81
1	4	5	29	1987	85	88	90	91	91	89	86	0	0	0
1	4	5	30	1947	22	22	22	22	23	23	23	24	24	26
1	4	5	30	1957	28	28	29	30	33	36	38	40	42	42
1	4	5	30	1967	42	42	43	44	45	47	50	53	56	58
1	4	5	30	1977	63	69	79	95	122	158	188	215	243	261
1	4	5	30	1987	271	282	290	295	299	302	302	0	0	0
1	4	5	46	1947	3827	4007	4233	4499	4809	5159	5569	6037	6561	7097
1	4	5	46	1957	7594	8021	8405	8753	9060	9353	9601	9813	10006	10136
1	4	5	46	1967	10195	10204	10190	10140	10024	9849	9750	9813	10009	10308
1	4	5	46	1977	10722	11307	12022	13039	14423	15827	16938	17938	18839	19125
1	4	5	46	1987	18926	18629	18128	17497	16819	15918	14901	0	0	0
1	4	5	48	1947	21	21	21	21	20	20	19	19	19	19
1	4	5	48	1957	19	19	19	21	24	26	28	32	36	40
1	4	5	48	1967	44	49	56	64	70	76	81	85	89	94
1	4	5	48	1977	100	104	108	113	121	129	136	143	152	159
1	4	5	48	1987	162	165	167	170	174	179	185	0	0	0
1	4	6	2	1947	0	0	0	0	0	0	0	0	0	0
1	4	6	2	1957	0	0	0	0	0	0	0	0	0	0
1	4	6	2	1967	0	0	0	0	0	0	0	0	0	0
1	4	6	2	1977	0	0	0	0	0	0	0	0	0	1
1	4	6	2	1987	1	1	1	1	1	1	1	0	0	0
1	4	6	4	1947	0	0	0	0	0	0	0	0	0	0
1	4	6	4	1957	0	0	0	0	0	0	0	0	0	0
1	4	6	4	1967	0	0	0	0	0	0	0	0	0	0
1	4	6	4	1977	0	0	0	0	0	1	1	1	1	1
1	4	6	4	1987	1	1	2	2	2	2	2	0	0	0